



BAPOLENE®

LINEAR LOW DENSITY POLYETHYLENE

BAPOLENE® 222B FILM EXTRUSION

Description: Bapolene® 222B is a *butene* linear low density polyethylene for blown film applications requiring impact strength and toughness. It complies with US FDA 21CFR177.1520¹.

Application: General packaging, garment bags, industrial packaging, and liners.

Values reported are typical and should not be interpreted as specification.

GENERAL PROPERTIES	NOMINAL VALUE	ASTM TEST METHOD
Melt Index ² , g/10 min.	2.0	D-1238
Density, g/cm ³	0.918	D-1505

FILM PROPERTIES³

Dart Impact F ₅₀ , g	65	D-1709
Elmendorf Tear, g		
MD	105	D-1922
TD	350	D-1922
Tensile Strength @ Break, psi, (MPa)		
MD	3,900 (27)	D-882
TD	2,750 (19)	D-882
1% Secant Modulus, psi, (MPa)		
MD	25,000 (172)	D-882
TD	27,500 (190)	D-882
Elongation @ Break, %		
MD	600	D-882
TD	700	D-882

¹ End use and/or migration limitations may apply.

² 190°C/2,160 g

³ Film thickness: 1.0 mil; 2.5:1 BUR

THIS PRODUCT DATA SHEET EFFECTIVE JUNE 2009 SUPERSEDES ALL DATA PREVIOUSLY PUBLISHED

BAMBERGER POLYMERS

Two Jericho Plaza, Jericho, New York, 11753, U.S.A. / Tel: 516-622-3600 / Fax: 516-622-3620 / Email: bpinfo@bapoly.com

Bamberger Polymers does not guarantee the applicability or the accuracy of the information contained herein, nor the suitability of the products described herein for any particular purpose. No warranties of any kind, either express or implied, are made with respect to the products described herein or with respect to the use of the products described herein. The user assumes all risk and liabilities in connection with such usage.